

# THE SUPERIOR MID TERM ONE EXAMINATION 2024

Primary Four

Mathematics

TIME ALLOWED : 2 HOURS 30 MINUTES

PUPIL'S NAME: \_\_\_\_\_

SCHOOL: \_\_\_\_\_

DISTRICT: \_\_\_\_\_

## READ CAREFULLY AND FOLLOW THE INSTRUCTIONS.

1. This paper is made up of two sections **A** and **B**.
2. Section **A** has **20** questions (**40 marks**)
3. Section **B**, has **12** questions (**60 marks**)
4. Attempt **ALL** questions. All answers to both Sections **A** and **B**  
**MUST** be written in the spaces provided.
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## FOR EXAMINERS USE ONLY:

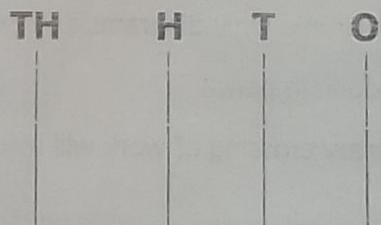
SECTION	SCORE	REMARKS
A		
B		
TOTAL		

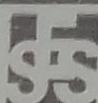
## Subject Teacher's comment:



THE SUPERIOR EDUCATIONAL SERVICES P.O.BOX KAMPALA  
PUBLISHERS OF: HOLIDAY PACKAGE AND LEARNERS ACTIVITY BOOKS  
TEL: 0751622387 / 0700813777 / 0772622387

**SECTION A***Each question carries 2 marks*

1.	Add: <b>89 + 11</b>	2.	Given that set <b>A = {a, b, c, d}</b> , find <b>n(A)</b> .
3.	What is the value of <b>6</b> in the number <b>672</b> ?	4.	Find the next number in the sequence: <b>3, 6, 9, 12,</b> _____
5.	Solve for <b>x</b> if: <b><math>x + 2 = 5</math></b>	6.	Round off <b>567</b> to the nearest tens.
7.	Shade $\frac{2}{3}$ in the figure below.	8.	Show <b>4032</b> on the abacus below. 
9.	Change <b>3</b> metres to centimetres.	10.	Write "One thousand thirteen" in figures.



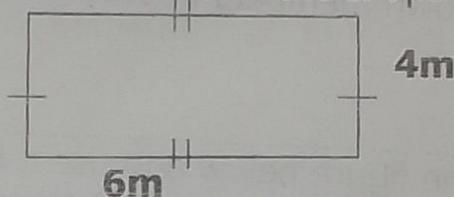
1 If represents 5 apples, how many apples shall be represented by ?

12. Add:  $\frac{2}{7} + \frac{3}{7}$

13. What number is represented by the tallies below?

||||| ||||| |||| |

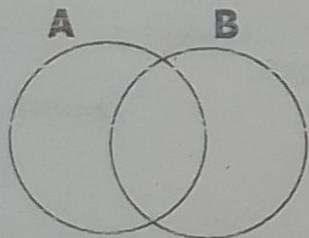
14. Find the area of the shape below.



15. Write **29** in Roman numerals.

16. Find the LCM of **6** and **8**.

17. Shade  $A \cup B$  in the figure below.



18. Write  $\frac{7}{10}$  as a decimal number.

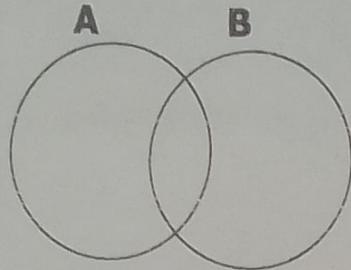
19. Musa has **40** mangoes and Peter had **26** mangoes. How many mangoes do they have altogether?

20. Tom is **13** years old, Mwesigwa is **4** years older than Tom, how old is Mwesigwa?

**SECTION B**

21. Set  $A = \{a, e, i, o, u\}$ , set  $B = \{a, b, c, d, e\}$

a) Represent the two sets on the venn diagram below.

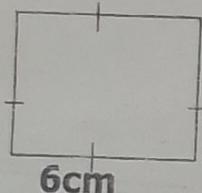


b) Find  $n(A \cap B)$

c) List down members of set  $B$  only.

22. Study the figure below and use it to answer questions that follow.

a) Name the figure above. (1mark)



b) Find the area of the above figure.

(2marks)

c) Work out the perimeter of the f

(2m

23. Musoke is 10 years old. Mukasa is 6 years older than Musoke.

a) How old is Mukasa?

(2marks)

b) Find their total age.

(1mark)

c)

What is the difference between t  
age?

(2marks)

<p>a) Collect like terms: (2marks)</p> <p><math>2x + y + 3x + 4y</math></p>	<p>b) Solve for m if: <math>m + 10 = 18</math> (2marks)</p>															
<p>Given that <math>a = 3</math> and <math>b = 4</math>: (2marks)</p> <p>i) Find <math>a + b</math></p>	<p>ii) What is the value of <math>2b</math> (2marks)</p>															
<p>5. a) The value of a digit is 700.</p> <p>i) What is the digit? (1mark)</p> <p>ii) What is its place value? (1mark)</p>	<p>b) What number is expanded to give <math>7000 + 70 + 7</math> (2marks)</p>															
<p>5. a) Add:</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: right;">Kg</td> <td style="text-align: center;">g</td> <td style="text-align: right;">(1mark)</td> </tr> <tr> <td style="text-align: right;">2</td> <td style="text-align: center;">300</td> <td></td> </tr> <tr> <td style="text-align: right;">+ 5</td> <td style="text-align: center;">600</td> <td></td> </tr> <tr> <td colspan="3" style="border-top: 1px solid black; border-bottom: 1px solid black;"></td> </tr> <tr> <td colspan="3"></td> </tr> </table>	Kg	g	(1mark)	2	300		+ 5	600								<p>b) Change 5kg to grams. (2marks)</p>
Kg	g	(1mark)														
2	300															
+ 5	600															

27

Study the price list below and use it to answer questions that follow.

Item	A book	A pen	A set	A pencil
Cost	800/=	500/=	2500/=	300/=

a) What is the most expensive item?

(1mark)

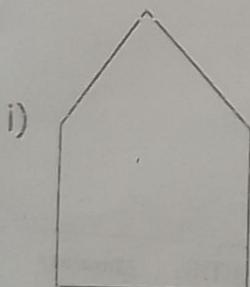
b) Mukyala wanted to buy 2books and 1set. How much money did she spend? (2marks)

c) If Mukyala went with shs, 5000 in her pocket, how much did she remain with?

(2marks)

28.

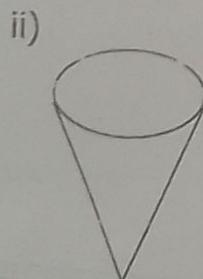
a) Name the shapes below. (1mark@)



i)

b) Draw the following shapes. (2marks@)

i) cube



ii) cylinder

Sarah got the following marks in end of term examinations.

English	Social studies	Science	Mathematics
74	65	74	80

a) In which two subjects did she score the same marks?

(1mark)

b) How many more marks did she score in Mathematics than in Social studies

(1mark)

c) Find the total marks she scored in the four subjects.

(2marks)

Re-arrange the following numbers starting from the smallest.

(1mark @)

a) 202, 20, 222, \_\_\_\_\_

111, 11, 1001, \_\_\_\_\_

c) 2.9, 2.1, 2.4, \_\_\_\_\_

a) Express  $2\frac{1}{2}$  as an improper fraction.

(2marks)

b) Doreen dug  $\frac{3}{8}$  of the garden and Miilo dug  $\frac{4}{8}$  of the same garden.

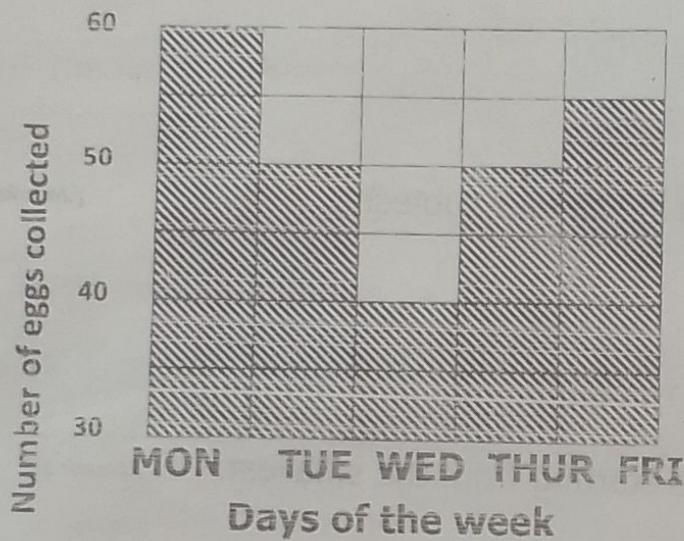
(2marks)

- i) What fraction of the garden was dug by the two people? ii) What fraction of the garden was not dug?

(2marks)

(2marks)

- 32 The graph below shows eggs collected from Natukunda's farm in 5 days.



- a) On which day did she collect the highest number of eggs?

(1mark)

- b) On which days did she collect the same number of eggs?

(1mark)

- c) How many eggs were collected on Wednesday?

(1mark)

- d) What is the difference between eggs collected on Monday and those collected on Tuesday?

(1mark)

# THE SUPERIOR MID TERM ONE EXAMINATION 2024

Primary Five

Mathematics

TIME ALLOWED : 2 HOURS 30 MINUTES

PUPIL'S NAME: \_\_\_\_\_

SCHOOL: \_\_\_\_\_

DISTRICT: \_\_\_\_\_

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B		
TOTAL		

Subject Teacher's comment:

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**SECTION A**

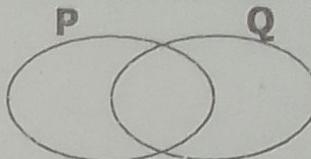
Each question carries 2 marks

1.	Add: $77 + 22$	2.	Write <b>3465</b> in words.
3.	Find the next number in the sequence. <b>6, 12, 18, 24, _____</b>	4.	What is the place value of <b>4</b> in number <b>2465</b> ?
5.	Solve: $x - 3 = 7$	6.	Simplify: $m + 4m + 5m$
7.	Given that <b>A = {a, b, c, d}</b> and <b>B = {y, c, k, d}</b> . Find <b>A ∩ B</b> .	8.	Express <b>58</b> in Roman numerals.
9.	Convert <b>8m</b> to centimetres	10.	In the space below, draw a cone.
11	If  represents <b>100</b> trees, how many trees are in a garden of    ?	12.	Express $\frac{3^2}{5}$ as an improper fraction.



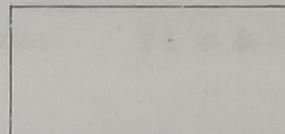
13. Expand **3857** using values.

14. In the diagram below, shade  $P \cap Q$



15. Work out:  $7 - 3$

16. Find the area of the rectangle below



4cm

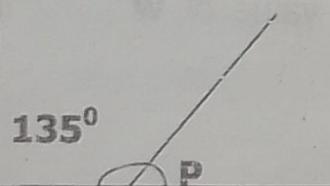
5cm

17. One book costs shs **500**. What is the cost of **4** similar books?

18. Add  $\frac{1}{2} + \frac{1}{4}$

19. Find the value of **P** in degrees.

20. Round off **3572** to the nearest hundreds.

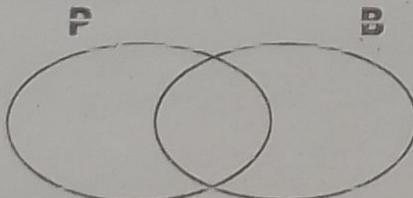


### SECTION B

21. Given that set  $P = \{a, b, c, d, e, f\}$  and set  $B = \{a, e, i, o, u\}$

a) Show the above information on the venn diagram below.

(3marks)



b) i) Find  $n(P \cap B)$  (2marks) ii) Find  $P \cup B$  (1mark)

22. a) Solve:  $3x - 4 = 11$  (2marks)

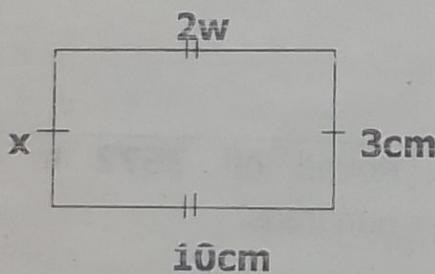
b) If  $a = 5$ ,  $b = 10$ , and  $c = 3$

Evaluate:

i)  $2a + bc$  (2marks)

ii)  $abc$  (1mark)

23. Use the figure below to answer the questions that follow.



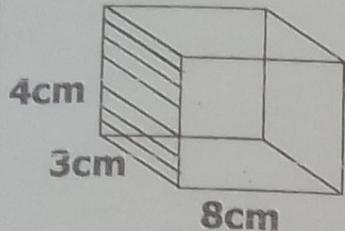
a) i) Find the value of  $x$  (1mark)

ii) Find the value of  $w$  (2marks)

b) Calculate the perimeter of the figure above. (2marks)



24. Use the cuboid below to answer the questions that follow.



a) How many vertices and edges does the cuboid have? (2marks)

i) vertices

ii) edges

b) Calculate the volume of the cuboid above. (3marks)

5. Below is a magic square complete it by finding the unknowns. (5marks)

16	a	b
6	10	d
c	18	4

In a class of **80** pupils,  $\frac{6}{10}$  are girls.

a) What is the fraction of boys in that class? (1mark)

b) How many girls are in this class? (2marks)

How many boys are in this class? (1mark)

27 Use  $>$ ,  $<$  or  $=$  to complete the statements.

a)  $3 \times 3$  \_\_\_\_\_  $3 + 3$

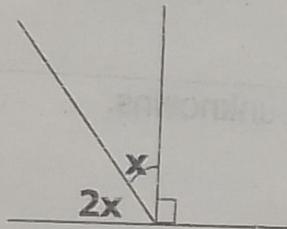
b)  $2 \times 3$  \_\_\_\_\_  $3 \times 2$

c)  $4\text{kg}$  \_\_\_\_\_  $1000\text{gm}$

d)  $\frac{1}{2}$  of  $36$  \_\_\_\_\_  $\frac{1}{4}$  of  $36$

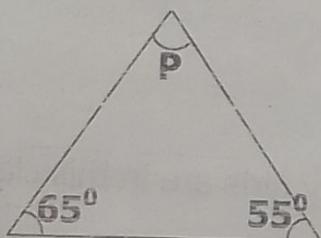
28. Find the size of the unknown angles.

a)



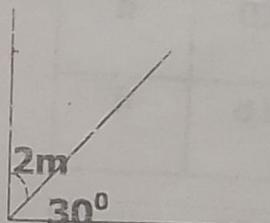
(2marks)

b)



(2marks)

c)



(2marks)

29 Use the price list below to answer the questions that follow.

Item	1kg of meat	1kg of sugar	1packet of milk	1litre of paraffin
Price	shs 15000	shs 5500	shs 2000	shs 4200

a) Find the cost of **2kg** of meat and a litre of paraffin.

(2marks)

b) Find the cost of **2kg** of sugar. (1mark)

c) Find the cost of all the items

30 a) The following marks were obtained by John in a series of tests.  
**6, 5, 7, 6, 8, 6, 10**

i) Find the range (1mark)

ii) Find the median

b) Find the average of these numbers. **4, 6, 10** and **8**. (3)

31 Given the digits **2, 4, 6**. a) Form the smallest number using the digits.

b) Form the largest number using the digits.

c) Find the sum of the largest number formed and the smallest number formed by the digits 0, 1, 2, 3.

- 32 Study the pictograph below and answer the questions that follow.

Pupil	Number of apples
Tom	2
Penlope	3
Paul	4
Joyce	3

Scale:  5 apples

- a) How many apples did Paul get?
- b) Which two pupils got the same number of apples?
- c) How many more apples did Paul get than Tom?

# THE SUPERIOR MID TERM ONE EXAMINATION 2024

Primary Six

Mathematics

TIME ALLOWED : 2 HOURS 30 MINUTES

PUPIL'S NAME: \_\_\_\_\_

SCHOOL: \_\_\_\_\_

DISTRICT: \_\_\_\_\_

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TOTAL		

Subject Teacher's comment:



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**SECTION A**

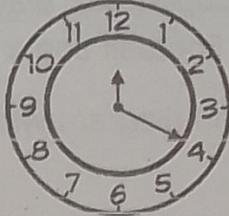
*Each question carries 2 marks*

1.	Write in words: <b>7077</b>	2.	Find the LCM of <b>9</b> and <b>15</b> .
3.	Given that set <b>M = {6, 9, 7}</b> , find the number of subsets in set <b>M</b> .	4.	Round off <b>385</b> to nearest tens.
5.	Simplify: <b><math>3m + 4n - 2m - n</math></b>	6.	Add $\frac{1}{2} + \frac{1}{4}$
7.	shade <u><b>2</b></u> of the figure. 	8.	Measure the angle below.
9.	Find the square of <b>16</b> .	10.	If  represents <b>10</b> flowers, How many pictos represent 40 flowers



11. What is the place value of **9** in the number: **798652**?

12. Tell the time.

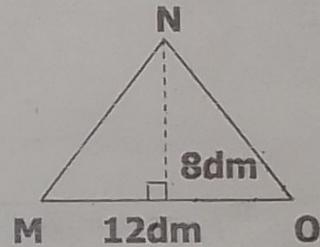


13. What is the next number in the series: **1, 4, 9, 16, 25, \_\_\_\_\_**

14. Add: **8 + 4 = \_\_\_\_\_** (finite)

15. Express **97** in Roman numerals.

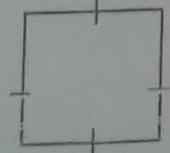
16. In the triangle **MNO**, calculate area.



17. Solve  **$3y = 18$** .

18. A girl is facing west. If she turns anti-clockwise to face south what angle does she turn?

19. How many lines of symmetry does the figure below have?



20. A shopkeeper had **246,34** metres of cloth. If he bought **253** metres, what is the amount he now has in the shop?

b) What is the product of the value of **7** and the place value of **3** in the number **4,378**? (2marks)

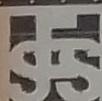
24. a) Stephan took **3** hours to travel from Jinja to Masaka a distance of **210km** what speed was he travelling? (1m)

b)	Work out: <span style="float: right;">(2marks)</span>	ii)	<b>Weeks</b>	<b>Days</b>								
i)	<table style="margin-left: auto; margin-right: auto;"> <tr> <th style="text-align: center;"><b>Kg</b></th> <th style="text-align: center;"><b>g</b></th> </tr> <tr> <td style="text-align: center;">4</td> <td style="text-align: center;">560</td> </tr> <tr> <td style="text-align: center;">+</td> <td style="text-align: center;">6</td> </tr> <tr> <td colspan="2" style="text-align: center;"><b>480</b></td> </tr> </table>	<b>Kg</b>	<b>g</b>	4	560	+	6	<b>480</b>			12	4
<b>Kg</b>	<b>g</b>											
4	560											
+	6											
<b>480</b>												
			8	6								

25.	The sum of three consecutive odd numbers is <b>45</b> . a) Find the numbers <span style="float: right;">(3marks)</span>	b)	Work out the range of the numbers <span style="float: right;">(1mark)</span>
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26.	Given that <b>k = 3</b> , <b>m = 4</b> and <b>n = 2</b> . Evaluate: a) <b>(k + m) - n</b>		
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b)	<b>kn + m</b> <span style="float: right;">(2marks)</span>	c)	<b>km</b> <b>n</b> <span style="float: right;">(1mark)</span>
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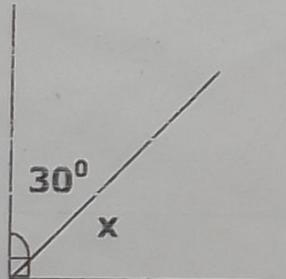


27. Mrs. Sempala went to Fair Price supermarket and bought the items listed below
- 3 bars of soap at shs 800 per bar
  - 4 packets of biscuits at shs 4000
  - 3kg of sugar at shs 1500 per kg
  - 2  $\frac{1}{2}$  kg of wheat flour at shs 2000 per kg
- a) Work out her total expenditure. (5marks)

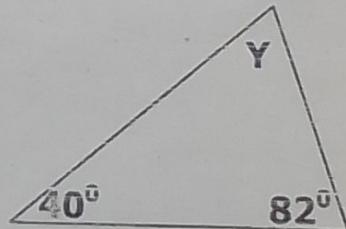
- b) If she had carried a twenty thousand shillings note, what amount of money did she remain with? (1mark)

28. Find the size of the unknowns in: (2marks)

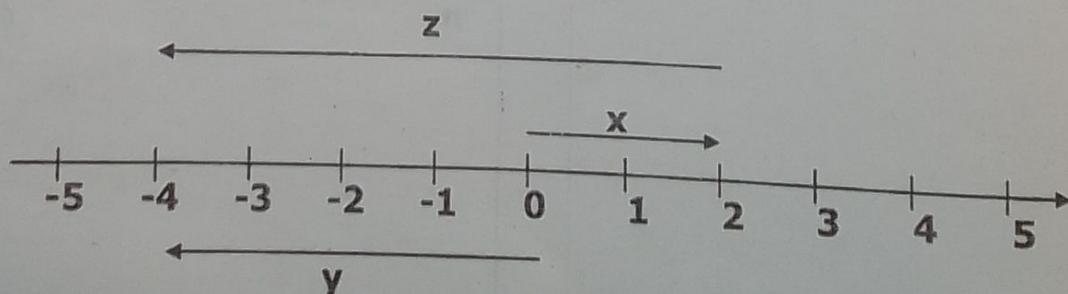
a)



b)



29. Study the number line below.



a) Identify the integers shown by the letters:

- i)  $x$       ii)  $y$       iii)  $z$       (1mark each)

b) Write the mathematical statement shown on the number line above.

(2marks)

In a class of **60** pupils,  $\frac{7}{10}$  of them went for a Science tour at Nsangi farm and the rest remained at school.

a) What fraction of the class remained at school?

(2marks)

How many pupils remained at school? (2marks)

c) Each pupil was served with a mirinda bottle of soda at the farm. How much money was collected from the pupils if each bottle of soda was sold at shs **600**? (2marks)

1 During an immunization campaign attended by **167,000** people in June last year, Entebbe municipality immunized **47,600** women against Tetanus, **52,400** men were given drugs for bilharzia and many children were immunized against polio. (1marks)

a) How many adults attended the campaign?

b)	<p>Find the number of children who were immunized against polio.</p> <p style="text-align: right;">(2marks)</p>	c)	<p>Each man was given a dosage of <b>8</b> tablets for bilharzia. How many doses of bilharzia tablets were given out?</p> <p style="text-align: right;">(2marks)</p>
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- 32 The picture graph below shows the number of apples collected by different pupils at a school.

Pupil	Number of apples
Muloki	6
Lukwago	10
Nabunya	5
Chemonges	6
Ajambo	6
Otim	8

**Key:**  Stands for **10 apples**

- a) Which pupil collected the highest number of apples? (1mark)
- b) How many more apples did Lukwago collect than Nabunya? (1mark)
- c) Calculate the total number of apples collected by all the pupils.

Hello   
Tr.WAISWA FRED



Tel:

0754924386

NEW KABSTEP  
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